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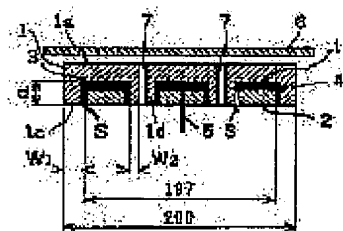
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(54) ELECTROSTATIC CHUCK

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an electrostatic chuck which is stable in attraction and causes no damage to adhesive agent used for bonding a dielectric plate and a board together.

SOLUTION: A disc-like dielectric plate 1 of insulating ceramics and a disc-like board 2 are jointed together, and an electrode 3 is formed between the dielectric plate 1 and the disc-like board 2 to form an electrostatic chuck, wherein one or more bent parts are provided to a joint boundary between the dielectric plate 1 and the board 2 at the peripheral part of the electrostatic chuck and a joint boundary between the opening edge of a gas inlet through-hole 7 provided to the dielectric plate 1 and the board 2, and the open ends S of the joint boundaries are so constituted as to get away from the suction surface 1a of the dielectric plate 1. By this setup, adhesive agent can be protected against damage, and the electrostatic chuck of this constitution is enhanced enough in attraction to a semiconductor wafer 6.



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